

BEST COPY
Available

INFORMATION REPORT

CD NO

25X1A

REF ID: A66255

COUNTRY Germany (Russian Zone)
 SUBJECT The installation of Sintering Equipment for Eisen-
 hüttenkombinat-Ost and Eisenhüttenwerk-West

DATE DISTR 26 June 1977

NO. OF PAGES

PLACE ACQUIRED

25X1C

NO. OF ENCLS
 LISTED BELOW

DATE OF INFO.

SUPPLEMENT TO
 REPORT NO.

25X1X

- Plans call for the construction of sintering installations at the Eisenhüttenwerke Ost (Fürstenberg) and West (Calbe/Saale). These installations consist of large plants including mixing installations, upgrading plants, belt conveyors, and sintering furnaces. A plant of this type requires a site of some 6 square kilometers and smokestacks 120 meters in height. The main conveyor belt for the sintering process proper has a length of over 50 meters and must carry 240 tons of ore per hour. The purpose of the installation is to turn powdery ore into lump form by a heat process so that it is suitable for the blast furnace. The ore arrives in powdery form from the Krivoy-Rog area of Russia. Because the transport space must be used to the fullest extent, only ore in powder form is carried over very long distances. The sintering installation is to be built in the shortest possible period, because serious damage has already been caused to blast furnace No. 1 of EKO by the direct processing of pure ore dust.
- A main feature of the new installation is the plate conveyor belt for the sintering furnace. This conveyor, estimated to cost 1.5 million DM, is to be delivered by the Polysius plant of Bessau. At first this firm had declined the order because it is overburdened with urgent Russian orders. Subsequent inquiries revealed, however, that the Polysius plant is the only one in the DDR capable of manufacturing such installation. Besides, the Administration for Soviet Property in Germany has ordered the Polysius firm to deliver the installation on schedule. As a result of the great speed required for the project, considerable mistakes have already occurred. For example, the drum mixers were designed and ordered with a capacity of 500 tons per day instead of 500 tons per hour. Since the mixers were already under construction in Magdeburg, the specifications could not be changed to any large extent. Another error was made in the measurement of the conveyor belts which does not agree with the weight they have to carry.

CLASSIFICATION

SECRET

STATE	<input checked="" type="checkbox"/>	NAVY	<input checked="" type="checkbox"/>	NSRB	<input checked="" type="checkbox"/>	DISTRIBUTION													
ARMY	<input checked="" type="checkbox"/>	AIR	<input checked="" type="checkbox"/>	FBI	<input checked="" type="checkbox"/>														